Your washing machine

Congratulations – You have opted for a modern, high-quality domestic appliance manufactured by BOSCH. The washing machine is distinguished by its economical use of water and energy.
Each appliance which leaves our factory has been inspected thoroughly to ensure that it functions properly and is in perfect condition.
For further information about products, accessories, spare parts and services visit our web site: www.bosch-home.com or contact our after-sales service centres.

Environmentally friendly waste disposal

All packaging must be disposed of in accordance with environmental guidelines. This appliance is certified in accordance with European Directive 2002/96/EEC on waste electrical and electronic equipment (WEEE).This directive provides the framework for the EU-wide collection and reuse of used appliances.

Observe the safety instructions on page 8.

Read these instructions before switching on the washing machine. Also follow the separate installation instructions.

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Protection of the environment/Conservation tips

- Always fill the washing machine with a maximum amount of laundry for the relevant programme.
- Wash normally soiled laundry without prewash.
- Instead of the **Cottons 90 °C** programme, select **Cottons Eco 60 °C** and the **(Intensive)** additional function. The cleaning result will be comparable, but energy consumption will be significantly lower.
- Dose the detergent according to the manufacturer's instructions and water hardness.
- If the laundry is to be subsequently dried in a tumble dryer, select a spin speed as specified by the dryer manufacturer.

Intended use

- For domestic use only.
- For washing machine-washable fabrics in a detergent solution.
- To be operated with cold mains water and commercially available low foam detergents and care products which are suitable for use in washing machines.

- *Do not leave children unattended near the washing machine!*
- *The washing machine is not to be used by children or persons not familiar with the operating instructions.*
- *Keep pets away from the washing machine!*

Programmes

Detailed programme overview. →*page 7*

The temperature and spin speed can be selected individually, irrespective of the selected programme and programme progress.

PowerWash 60'	Hard–wearing textiles
Cottons	
Cottons Eco	
Easy-Care	easy care textiles
Mix	mixed types of laundry
Delicate/Silk	silk and delicate washable fabrics
Wool	hand–/machine–washable wool
Rinse	extra rinse with spin
Spin	extra spin with selectable spin speed
Empty	drain the rinising water with (Rinse stop = no final spin)
Super Quick 15'	short programme
Sensitive	hard–wearing textiles
Jeans	dark-coloured textiles
Sports, Fitness	textiles made of microfibres
Shirts/Blouses	non-iron shirts

Preparation

Correct installation according to separate installation instructions.

Check the machine

- Never switch on a damaged machine
- Inform your customer service!

Insert mains plug

With dry hands only!
Only hold the plug itself!

Turn on the tap

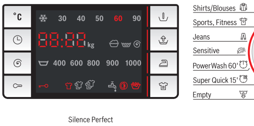
Compartment II: Detergent for the main wash, water so
bleach, stain re

Compartment ❀: Fabric softener, impregnating agen

Compartment I: Detergent for

Display panel/ Option buttons/ Additional functions

Prog



Programme selector for switching the machine on and off and for selecting the programme. Can be rotated in either direction.

Before washing for the first time,

wash once without any laundry →page 9

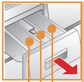
Sorting and loading the laundry

Observe the care information provided by the manufacturer.
Sort according to the information on the care labels.
Sort according to type, colour, soiling and temperature.
Remove any foreign objects - risk of rusting.
Do not exceed the maximum load. →*page 7*

!

Observe the instructions in the Important information section. →*page 9*
Load both large and small items of laundry.
Close the washing machine door. Take care not to trap any items of clothing between the loading door and rubber seal.

Add detergent and care product



Add the appropriate dose according to:
Amount of laundry, soiling, water hardness (ask your water supply company) and manufacturer’s instructions.
Models without insert for liquid detergent: pour liquid detergent into an appropriate dispenser and place in the drum.
During operation: close the detergent drawer!

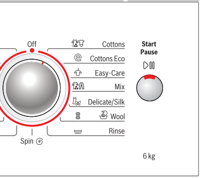
i *Dilute viscous fabric softener and fabric conditioner with water. This prevents blockages.*

1

Setting and adjusting programmes

ramme selector

Start/ Pause



i *If the ⊸ symbol lights up or flashes in the display panel, the childproof lock is active.*
→deactivate, page 6

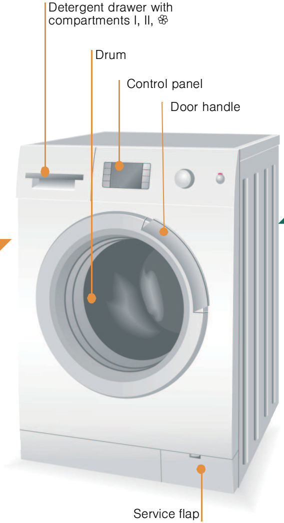
For additional functions and option buttons, see the Individual settings section. →page 5/6

2

Select Start/Pause ▷II

i *All buttons are sensitive and a gentle tap is adequate!*
If you press and hold the Option buttons, the setting options automatically scroll through.

Washing



3

Washing

Removing laundry

- Open washing machine door and remove laundry. If ⊔ (Rinse stop = wihout final spin) is active: Select the spin speed or set programme selector to **Empty** ⇩ or **Spin** ↻ .
- Select **Start**/Pause ▷⏸.
- Remove any foreign objects - risk of rusting.

Turn off the tap

Information on Aquastop.
Installation instructions. →page 7.

Switch off

- Set Programm selector to ● **Off.**

Programme ended when ...

... Start/Pause ▷⏸ indicator light goes out and - 0 - or - - - - (if ⊔ was selected, without final spin) is indicated on the display panel, the buzzer sounds. *Set volume of buzzer. →page 6*

Change the programme ...

If you have selected the wrong programme by mistake:
- Reselect the programme.
- Select **Start**/Pause ▷⏸.

Pause the programme ...

- Touch the Start/**Pause** ▷⏸ button.
- Follow the instructions in the display field: when ◎ lights up and OPEN appears in the display, the door can be opened. If required, add /remove a laundry item; If A:02 and PAUS are displayed alternately, the door cannot be opened due to a high water level in drum or a high temperature.
- Touch **Start**/Pause ▷⏸ button to continue the programme.

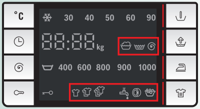
... or terminate the programme

Programmes with high temperature:
- Cool down laundry: Select **Rinse** ≋ .
- Select **Start**/Pause ▷⏸.

Programmes at lower temperature:
- Select **Empty** ⇩ or **Spin** ↻ .
- Select **Start**/Pause ▷⏸.

Display information, Options, Functions

Display symbols



Washing: *Not on if Rinse, Spin or Drain is selected.*

≋ **Rinse**: *Not on if Spin or Pump is selected.*

↻ **Spin**: *Not on if a programme with the ⊔ setting (no final spin) is selected.*

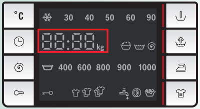
Water tap: ***Flashing*** - tap not open or no water supply.
on – low water pressure.

◎ **Door:** *On if door can be opened.*

Overdosage: *On if too much detergent used.*

Automatic load detection: *Automatically detects the load size after water inlet phase and sets accurate remaining time. Symbols indicate small, middle and full loads measured* according to the recommended max. load of the selected programme.*
** Automatic display of the detected load only for washing programmes with a max. load recommendation > 3.0 kg except for Rinse, Spin and Drain. Different types of textiles with different water absorption rates may influence the load display.*

Display information



*Before starting a programme, the max. load for the selected programme is displayed when the door is open. The remaining time or finish-in time is displayed when the door is closed.

Display shown may vary depending on the model and selected programme.

kg, e.g. 5,0 kg*: *max. recommanded load for selected programme →page 7, Programme overview*

time, e.g. 1:30*: *remaining time*

24h*: *finish-in time defined by user →page 5*

PAUS : *pause*

OPEN : *door can be opened in **Pause** status*

- 0 - : *end of programme*

- - - - : *end of programme with the ⊔ setting*

0 : *set volume of signals →page 6*

E: 18 : *error display →page 10*

Option buttons

You can change the spin speed and temperature beforehand and while the selected programme is running. The effects depending on the progress of the programme.

°C (Temp.)

You can change the indicated washing temperature. The maximum washing temperature which can be selected depends on the programme that has been chosen.

◷ (Finish in)

When you select a programme, the respective programme duration is displayed. You can delay the start of the programme before it begins. The finish-in time indicates when the programme will be finished. It can be set in hour increments up to a maximum of 24h. Press and hold the ◷ **(Finish in)** button until the required number of hours is shown (h=hour). Select **Start**/Pause ▷⏸.

Options, Functions

(Spin speed)

You can change the indicated spin speed. The maximum spin speed which can be selected depends on the chosen programme. If ⊔ is selected, the load is held in the rinsing water.

(Childproof lock)

Programme cannot be changed by accidental operation.

To activate the childproof lock:
– After the programme starts, press and hold the button for 5 seconds;
– Release when the symbol lights up.
When the programme ends, the **Start/Pause** ▷|| indicator remains on to remind you to deactivate the childproof lock.
* symbol flashes if the programme has been changed while childproof lock is activated.

To deactivate the childproof lock:
– Touch the button until the symbol turns off;
– Release the button.

If the childproof lock is deactivated while the programme selector is in a different position from when the childproof lock was activated*, the running programme will be halted.

Additional functions

see also Programme overview →page 7

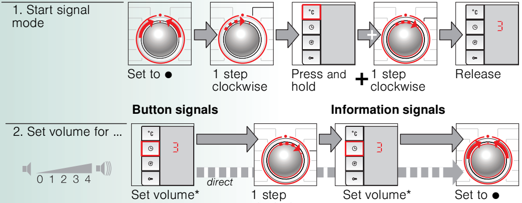
Pre-wash	For heavily soiled, hard-wearing textiles. Pre-wash at max. 30 °C.
Water plus	High water level to achieve better rinse result.
Easy iron	Special spin sequence with subsequent fluffing. Gentle final spin - residual moisture in the laundry increased slightly.
Intensive	Extends the washing time for a more intensive washing of heavily soiled items.

The additional function indicator light is on when the option is selected; if the option is not selectable for the programme, this is indicated by a short flashing of the light and an accoustic signal.

Start/Pause ▷||

For starting or pausing the programme.

Signals



*If required, set repeatedly

Programme overview

(see also the information on page 5, 6)

Programmes	°C	max. (kg) *	Type of laundry	Additional functions; information
Cottons	❄–90 °C	6,0**	Hard-wearing textiles, heat-resistant textiles made of cotton or linen	**Prewash**, **Water plus**, **Easy iron**, **Intensive**
Cotton Eco	❄–60 °C			
Sensitive	❄–60 °C	5,5**	Hard-wearing textiles made of cotton or linen	**Prewash**, **Water plus**, **Easy iron**, **Intensive** For particularly sensitive skin, longer wash cycle at selected temperature, higher water level, additional rinse cycle.
PowerWash 60'	❄-60 °C	3,0	Hard-wearing textiles made of cotton or blended fabric	Time-controlled programme, 60 minutes. Short prgrameme for normally soiled laundry.
Easy-Care	❄-60 °C	3,5	Easy-Care textiles made of cotton, linen, synthetic fibres or blended fabrics	**Prewash**, **Water plus**, **Easy iron**
Mix	❄–40 °C		Textiles made of cotton and easy-care textiles	**Prewash**, **Water plus**, **Easy iron**, **Intensive** Different types of textiles which can be washed together.
Jeans			Dark-coloured fabrics made of cotton and dark easycare fabrics	**Prewash**, **Water plus**, **Easy iron**, **Intensive**
Shirts/Blouses	❄–60 °C	2,0	Non-iron shirts made of cotton, linen, synthetic fibres or blended fabrics	**Prewash**, **Water plus**, **Easy iron**, **Intensive** Short spin only, drip dry.
Delicates/Silk	❄–40 °C		For delicate, washable textiles, e.g.made of silk, satin, synthetic fibres or blended fabrics	**Prewash**, **Water plus**, **Easy iron** Short spin only between the rinse cycles.
Wool			Hand- or machine- washable wool or wool-rich textiles.	Particulary gentle wash programme to avoid shrinkage, longer programme breaks (laundry rests in the detergent solution).
Sports, Fitness			Textiles for outdoor wear, made from microfibre	**Prewash**, **Water plus**, **Easy iron**, **Intensive**
Super Quick 15'			Easy-Care textiles made of cotton, linen, synthetic fibres or blended fabrics	Short programme approx. 15 minutes, suitable for lightly soiled laundry.
Additional programmes		6,0		**Rinse**, **Spin**, **Empty**

i The programmes are time-controlled for lightly soiled textiles. If textiles are heavily soiled, reduce the load and select additional function, e.g. **(Intensive)**. Programmes without prewash - pour detergent into dispenser **II**; programmes with prewash - divide detergent between dispensers **I** and **II**.

* Max. load according to IEC 60456 Ed.4.

** Select the **(Intensive)** additional function if washing max. kg of cottons and coloureds.

For further information and a selection of our products
go to our web site: http://www.bosch-home.com
or contact our customer service centres

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Safety instructions

- Read and follow the operating and installation instructions and all other information enclosed with the washing machine.
- Retain documents for subsequent use.

Risk of electric shock	– Never pull out the mains plug by tugging the power cord. – Never insert/pull out the mains plug with damp hands.
Risk of death	For worn-out appliances: – Pull out the mains plug. – Sever the power cord and discard together with the plug. – Destroy the lock on the washing machine door. This will prevent children from locking themselves and risking their lives.
Risk of suffocation	– Keep packaging, plastic film and packaging parts out of the reach of children.
Risk of poisioning	– Keep detergents and care products out of the reach of children.
Risk of explosion	– Items of laundry pretreated with cleaning agents containing solvents, e.g. stain remover/cleaning solvents may lead to an explosion after being loaded into the washing machine. Rinse items of laundry thoroughly by hand beforehand.
Risk of injury	– Washing machine door may become very hot. – Take care when draining hot detergent solution. – Do not climb onto the washing machine. – Do not lean on the open washing machine door. – Do not touch the drum in case it is still spinning. – Be careful when opening the detergent drawer while the machine is in operation.

Consumption values

Programme	*Additional function*	*Load*	*Electricity consumption****	*Water****	*Programme duration****
Cottons 30 °C	—	6.0 kg	0.29 kWh	57 l	1:33 h
Cottons 30 °C*	Intensive	6.0 kg	0.31 kWh	57 l	2:03 h
Cottons 40 °C	—	6.0 kg	0.50 kWh	57 l	1:38 h
Cottons 40 °C*	Intensive	6.0 kg	0.52 kWh	57 l	2:03 h
Cottons 60 °C	—	6.0 kg	0.85 kWh	57 l	1:43 h
Cottons 60 °C*	Intensive	6.0 kg	0.89 kWh	57 l	2:03 h
Cottons 90 °C	—	6.0 kg	1.81 kWh	66 l	1:58 h
Easy-Care 40 °C	—	3.5 kg	0.45 kWh	54 l	1:00 h
Easy-Care 40 °C*	Intensive	3.5 kg	0.49 kWh	54 l	1:20 h
Mix 40 °C	—	3.5 kg	0.53 kWh	50 l	1:03 h
Delicate/Silk 30 °C	—	2.0 kg	0.18 kWh	26 l	0:39 h
Wool 30 °C	—	2.0 kg	0.14 kWh	40 l	0:36 h

* Programme setting for testing according to the currently valid version of EN60456.
Note for comparative testing: for testing the test programmes, wash the specified load using the maximum spin speed.

Programme	*Additional function*	*Load*	*Annual energy consumption*	*Annual water consumption*
Cottons Eco 40/60°C	Intensive**	6/3 kg	196 kWh	8650 l

** Programme setting for testing and energy labelling in accordance with directive 2010/30/EU and cold water (15°C).
*** The values deviate from the indicated values depending on water pressure, hardness, and inlet temperature, ambient temperature, type, amount and soiling of the laundry, detergent used, fluctuations in the power supply and selected additional functions.

Important information

Preparing/Protecting the laundry and the machine

- Empty pockets.
- Look out for metal items (paperclips, etc.).
- Wash delicates in a net/bag (tights, curtains, underwired bras).
- Fasten zips, do up any buttons.
- Brush sand out of pockets and collars.
- Remove curtain fittings or in a laundry bag.

Before washing for the first time

Do not load any laundry into the machine. Turn on the tap. Add the following to compartment **II**:

- approx. 1 litre water
- detergent (dosage according to the manufacturer's instructions for light soiling and the appropriate degree of water hardness)

Set the programme selector to **Easy-Care 60 °C** and select **Start**/Pause ▷⏸. At the end of the programme, turn the programme selector to ● **Off**.

Laundry with different degrees of soiling

	Wash new items separately.
Light	Do not prewash.
	If required, pretreat stains. Select **(Intensive)** additional function.
Heavy	Load less laundry. Prewash. If required, pretreat stains. Select **(Intensive)** additional function.

Soaking

Load laundry of the same colour

Pour soaking agent/detergent into dispenser **II** according to the manufcturer's instructions. Set **Cottons 30 °C** programme and select **Start**/Pause ▷⏸. After approx. 10 minutes, select Start/**Pause** ▷⏸. After the required soaking time, reselect **Start**/Pause ▷⏸ if the programme is to be continued or change the programme.

Starching

Laundry must not be treated with fabric softener

Starching is possible in all washing programmes if liquid starch is used. Add starch to the fabric softener dispenser ❀ in accordance with the manufacturer's instructions.

Dyeing/bleaching

Dye in small quantities only. Salt can corrode stainless steel.
Observe the dye manufacturer's instructions.
Do **not** bleach laundry in the washing machine.

Care

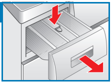
– *Risk of electric shock!*
Pull out the mains plug!
– *Risk of explosion! No solvents!*

Machine housing, control panel

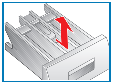
- Wipe with a soft, damp cloth.
- Do not use any abrasive cloths, scourers or cleaning agents (stainless steel cleaners).
- Immediately remove laundry and cleaning agent residues.
- Do not clean the appliance with a water jet.

Clean the detergent drawer ...

... if it contains detergent or fabric softener residues.



1. Pull out the drawer up to the stop position, press down the latch on the insert and remove the drawer completely .



2. Remove insert: pull insert upwards with finger.
3. Clean the detergent dispenser and the insert with water and a brush.
4. Refit the insert and secure in place (the cylinder should fit over the guide pin).
5. Insert the detergent drawer.
6. Leave the detergent drawer open so that residual water can evaporate.

Drum

Leave the washing machine door open after washing so that the drum can dry.
Rust stains – use chlorine–free cleaning agent, not steel wool.

Descaling *No laundry in the machine!*

This is not necessary if the detergent is dosed correctly. However, if it is necessary, follow the instructions of the descaler manufacturer. Suitable descaling products can be purchased from our website or after-sales service. →*page 13*

Information on the display

A:01	Please close the door immediately because of rising water level. In pause status A:01 and OPEN are displayed alternately.
A:02	Door is locked due to safety reasons (water level and/or temperature are too high); in pause status, A:02 and PAUS are displayed alternately. If you need to open the door, wait for the temperature to drop or drain the water (e.g. select **Empty** programme).
A:03	Door cannot be locked/unlocked due to high temperature of the door lock. Wait a moment and try again.
🚰	**Flashing** (no water supply): Tap turned on? Inlet filter blocked ? Clean filter. →*page 11* Supply hose kinked or blocked ? **On** (low water pressure): Only information. No influence on the programme process.
E:18	Clean drain pump; →*page 11* outlet pipe/drainage hose blocked.
other displays	Switch off the appliance, wait 5 seconds and switch it back on. If the display appears again, call the customer service →*page 13*

Maintenance

– *Risk of scalding!*
Allow detergent solution
– *Turn off the tap!*

Drain pump

– Set the programme selector to ● **Off**, disconnect the mains plug.

1. Open and remove the service flap.
2. Release the drainage hose from the clip.
   Remove the sealing plug from the drainage hose, allow the detergent solution to flow out. Push the sealing cap back in.
3. Remove the pump cap. Remove foreign objects/loose debris/fluff from inside and clean the pump. (impeller in the pump must be able to rotate).
4. Clean any residual lye or fluff from the thread of the pump cap and pump housing.
5. Attach the pump cap and screw it on tight until the stop, handle is upright. Place the drainage hose back in the retainer.
6. Place the service flap back on and close.

To prevent unused detergent from flowing straight into the drain during the next wash cycle: pour 1 litre of water into compartment **II** and start the **Empty** programme. Then select and start a new washing programme with detergent as usual.

Filter in the water inlet hose

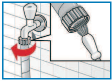
Risk of electric shock
Do not immerse the Aqua-Stop safety device in water (it contains

Reduce the water pressure in the supply hose:

1. Turn off the tap.
2. Select any programme (except **Spin**/**Empty**).
3. Touch **Start/Pause** ▷II button and allow the programme to run for appro
4. Set the programme selector to ● **Off**. Disconnect the mains plug.

Clean the filter:

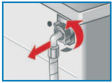
Standard



1. Remove the supply hose from the tap.
   Clean the filter with a small brush.

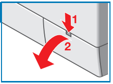
   or

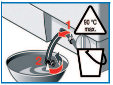
   on standard and Aqua-Secure models:
   Remove the hose from the rear, remove the filter using pliers and clean the filter.

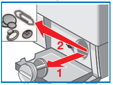


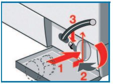
2. Reconnect the supply hose and check if it is tight.

to cool down!





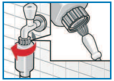


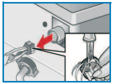


s an electric valve).

x. 40 seconds.

Aqua-Stop
Aqua-Secure



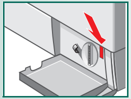


What to do if ...

Water is leaking out.	– Fit/refit drainage hose correctly. – Tighten the screw connection of the supply hose.
No water supply. Detergent not dispensed.	– **Start**/Pause ▷‖ not selected? – Water tap not turned on? – Supply hose filter blocked? Clean the filter. →*page 11* – Supply hose kinked or trapped?
Washing machine door cannot be opened.	– Safety function active. Programme stopped? →*page 4* – ⊔ (Rinse stop = no final spin) selected? →*page 6* – Can be opened by emergency release only. →*page 13*
Programme does not start.	– **Start**/Pause ▷‖ or ◷ **Finish-in time** selected? – Washing machine door closed?
Detergent solution is not drained.	– Clean the drain pump. →*page 11* – Clean waste pipe and/or drainage hose.
Water not visible in the drum.	– Not a fault - water below the visible area.
Spin result not satisfactory.	– Wash small and large items of laundry together. – **Easy iron** selected? →*page 6* – Speed selected too low? →*page 6*
Spin cycle performed several times.	– Not a fault - unbalanced load detection system adjusts the imbalance.
Compartment ❀ not rinsed out completely.	– Remove the insert. Clean detergent drawer and insert. →*page 10*
Odour formation in the washing machine.	– Run the **Cottons** **90 °C** programme without laundry. – Use standard detergent.
Foam escapes from the detergent drawer.	– Too much detergent used? Mix 1 tablespoon of fabric softener with ½ litre of water and pour into compartment II in the detergent drawer. – Reduce detergent dosage for the next wash cycle.
Excessive noise, vibrations and “wandering” during spin cycle.	– Are the appliance feet fixed? Secure the appliance feet. →*Installation instructions, page 5* – Transport bolts removed? Remove transport bolts. *Installation instructions, page 3*
Display panel/indicator lamps do not light up while the appliance is running.	– Power failure/off? Interrupted programme will be resumed when power returns. – Circuit breaker tripped? Reset the circuit breaker/ change the fuse. – If the fault occurs repeatedly, call the customer service.
Programme sequence longer than usual.	– Not a fault - unbalanced load detection system adjusts imbalance by repeatedly distributing the laundry. – Not a fault - foam detection system active - adds an additional rinse cycle.
Detergent residues on the laundry.	– Occasionally, phosphate-free detergents contain water-insoluble residues. – Select **Rinse** or brush the laundry after washing.

If you cannot correct a fault yourself or a repair is required:
– Turn the programme selector to ● **Off** and pull the mains plug out of the socket.
– Turn off the tap and call the customer services. →*page 13*

Emergency release *e.g. in the event of powe*



Interrupted programme will be resumed whe
However, if the laundry has to be removed,
machine door can be opened as follows:

⚠ *Risk of scalding.*
The detergent solution and laundry
If possible, leave it to cool down.
Do not reach into the drum if it is s
Do not open the washing machine d
through the glass.

– Set the programme selector to ● **Off** and d
– Drain the detergent solution. →*page 11*
– Pull the emergency release with a tool an
machine door can then be opened.

Customer service

If you cannot rectify the fault yourself →*page 12: What to do if ...*,
sales service. We will always find a suitable solution and will avoid
technician wherever possible.

The contact details for all countries can be found in the enclosed aft

Please give the customer service the product number (E-Nr.) and
(FD) of the appliance.

E-Nr.______________ **FD**______

Product number Production number

You will find the identi
this information on the
and of the rating plate
appliance.

Rely on the professionalism of the manufacturer. Please contact
This will ensure that the repair is carried out by trained service tech
equipped with genuine spare parts for your appliance.

r failure

en power returns.
the washing

may be hot.

till rotating.
loor if water can be seen

isconnect the mains plug.

d release. The washing

please contact our after-
a visit from a service

ter-sales service directory.

the production number

fication plate containing
frame of the open door ,
on the back of the

us.
nnicians who arrive

Washing machine **WLM20461BY**
WLM24441BY

BOSCH

en Instruction manual

Your washing machine

Congratulations – You have opted for a modern, high–quality domestic appliance manufactured by BOSCH. The washing machine is distinguished by its economical use of water and energy.
Each appliance which leaves our factory has been inspected thoroughly to ensure that it functions properly and is in perfect condition.
For further information about products, accessories, spare parts and services visit our web site: www.bosch-home.com or contact our after-sales service centres.

Environmentally friendly waste disposal

All packaging must be disposed of in accordance with environmental guidelines. This appliance is certified in accordance with European Directive 2002/96/EEC on waste electrical and electronic equipment (WEEE).This directive provides the framework for the EU-wide collection and reuse of used appliances.

Observe the safety instructions on page 8.

Read these instructions before switching on the washing machine. Also follow the separate installation instructions.

Contents

Page

- Intended use 1
- Programmes 1
- Preparation 2/3
- Setting and adjusting programmes 3
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- Display information, Options, Functions 5/6
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- Consumption values 8
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- Care 10
- Information on the display panel.......... 10
- Maintenance 11
- What to do if 12
- Emergency release.......... 13
- Customer service 13

Protection of the environment/Conservation tips

- Always fill the washing machine with a maximum amount of laundry for the relevant programme.
- Wash normally soiled laundry without prewash.
- Instead of the **Cottons 90 °C** programme, select **Cottons Eco 60 °C** and the **(Intensive)** additional function. The cleaning result will be comparable, but energy consumption will be significantly lower.
- Dose the detergent according to the manufacturer's instructions and water hardness.
- If the laundry is to be subsequently dried in a tumble dryer, select a spin speed as specified by the dryer manufacturer.

Intended use

- For domestic use only.
- For washing machine-washable fabrics in a detergent solution.
- To be operated with cold mains water and commercially available low foam detergents and care products which are suitable for use in washing machines.

- *Do not leave children unattended near the washing machine!*
- *The washing machine is not to be used by children or persons not familiar with the operating instructions.*
- *Keep pets away from the washing machine!*

Programmes

Detailed programme overview. →*page 7*

The temperature and spin speed can be selected individually, irrespective of the selected programme and programme progress.

PowerWash 60'	Hard–wearing textiles
Cottons	
Cottons Eco	
Easy-Care	easy care textiles
Mix	mixed types of laundry
Delicate/Silk	silk and delicate washable fabrics
Wool	hand–/machine–washable wool
Rinse	extra rinse with spin
Spin	extra spin with selectable spin speed
Empty	drain the rinising water with (Rinse stop = no final spin)
Super Quick15'	short programme
Sensitive	hard–wearing textiles
Jeans	dark-coloured textiles
Sports, Fitness	textiles made of microfibres
Shirts/Blouses	non-iron shirts

Preparation

Correct installation according to separate installation instructions.

Check the machine

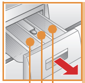
– Never switch on a damaged machine!
– Inform your customer service!

Cl

Insert mains plug

With dry hands only!
Only hold the plug itself!

Turn on the tap



N

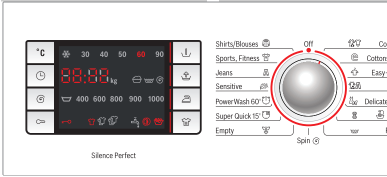
Compartment II: Detergent for the main wash, water softener, bleach, stain remover

Compartment ❀: Fabric softener, impregnating agent, starch

Compartment I: Detergent for pre–wash

Display panel/ Option buttons/ Additional functions

Programme selector



Programme selector for switching the machine on and off and for selecting the programme. Can be rotated in either direction.

Before washing for the first time,

wash once without any laundry →page 9

Sorting and loading the laundry

Observe the care information provided by the manufacturer.
Sort according to the information on the care labels.
Sort according to type, colour, soiling and temperature.
Remove any foreign objects - risk of rusting.
Do not exceed the maximum load. →*page 7*

Observe the instructions in the Important information section. →*page 9*
Load both large and small items of laundry.
ose the washing machine door. Take care not to trap any items of clothing between the loading door and rubber seal.

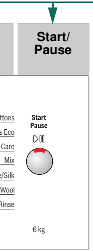
Add detergent and care product

Add the appropriate dose according to:
Amount of laundry, soiling, water hardness (ask your water supply company) and manufacturer's instructions.
Models without insert for liquid detergent: pour liquid detergent into an appropriate dispenser and place in the drum.
During operation: close the detergent drawer!

Dilute viscous fabric softener and fabric conditioner with water. This prevents blockages.

1

Setting and adjusting programmes



If the ⊸ symbol lights up or flashes in the display panel, the childproof lock is active. →deactivate, page 6

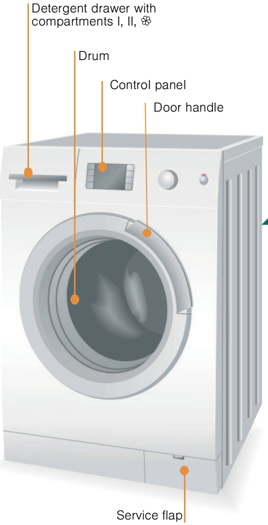
For additional functions and option buttons, see the Individual settings section. →page 5/6

Select Start/Pause ▷⏸

All buttons are sensitive and a gentle tap is adequate!
If you press and hold the Option buttons, the setting options automatically scroll through.

2

Washing



Washing

3

Removing laundry

- Open washing machine door and remove laundry.
  If ⊔ (Rinse stop = without final spin) is active: Select the spin speed or set programme selector to **Empty** ⛉ or **Spin** ⊚ .
- Select **Start**/Pause ▷⏸.
- Remove any foreign objects - risk of rusting.

Turn off the tap

Information on Aquastop.
Installation instructions. →page 7.

Switch off

- Set Programm selector to ● **Off.**

Programme ended when ...

... Start/Pause ▷⏸ indicator light goes out and - 0 - or - - - - (if ⊔ was selected, without final spin) is indicated on the display panel, the buzzer sounds. *Set volume of buzzer. →page 6*

Change the programme ...

If you have selected the wrong programme by mistake:
- Reselect the programme.
- Select **Start**/Pause ▷⏸.

Pause the programme ...

- Touch the Start/**Pause** ▷⏸ button.
- Follow the instructions in the display field: when ◎ lights up and OPEN appears in the display, the door can be opened. If required, add /remove a laundry item; If A:02 and PAUS are displayed alternately, the door cannot be opened due to a high water level in drum or a high temperature.
- Touch **Start**/Pause ▷⏸ button to continue the programme.

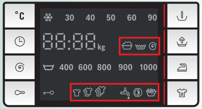
... or terminate the programme

Programmes with high temperature:
- Cool down laundry: Select **Rinse** ⊔ .
- Select **Start**/Pause ▷⏸.

Programmes at lower temperature:
- Select **Empty** ⛉ or **Spin** ⊚ .
- Select **Start**/Pause ▷⏸.

Display information, Options, Functions

Display symbols



Washing: *Not on if Rinse, Spin or Drain is selected.*

Rinse: *Not on if Spin or Pump is selected.*

Spin: *Not on if a programme with the ⊔ setting (no final spin) is selected.*

Water tap: ***Flashing*** - tap not open or no water supply.
on – low water pressure.

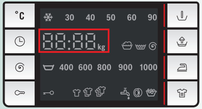
Door: *On if door can be opened.*

Overdosage: *On if too much detergent used.*

Automatic load detection: *Automatically detects the load size after water inlet phase and sets accurate remaining time. Symbols indicate small, middle and full loads measured* according to the recommended max. load of the selected programme.*

** Automatic display of the detected load only for washing programmes with a max. load recommendation > 3.0 kg except for Rinse, Spin and Drain. Different types of textiles with different water absorption rates may influence the load display.*

Display information



kg, e.g. 6,0 kg*: *max. recommanded load for selected programme ⟶page 7, Programme overview*

time, e.g. 1:30*: *remaining time*

24 h*: *finish-in time defined by user ⟶page 5*

PAUS : *pause*

OPEN : *door can be opened in **Pause** status*

- 0 - : *end of programme*

- - - - : *end of programme with the ⊔ setting*

0 : *set volume of signals ⟶page 6*

E: 18 : *error display ⟶page 10*

*Before starting a programme, the max. load for the selected programme is displayed when the door is open. The remaining time or finish-in time is displayed when the door is closed.

Display shown may vary depending on the model and selected programme.

Option buttons

You can change the spin speed and temperature beforehand and while the selected programme is running. The effects depending on the progress of the programme.

°C *(Temp.)*

You can change the indicated washing temperature. The maximum washing temperature which can be selected depends on the programme that has been chosen.

◷ *(Finish in)*

When you select a programme, the respective programme duration is displayed. You can delay the start of the programme before it begins. The finish-in time indicates when the programme will be finished. It can be set in hour increments up to a maximum of 24h. Press and hold the ◷ **(Finish in)** button until the required number of hours is shown (h=hour). Select **Start**/Pause ▷ǁ.

Options, Functions

⊚ *(Spin speed)*

You can change the indicated spin speed. The maximum spin speed which can be selected depends on the chosen programme. If ⊔ is selected, the load is held in the rinsing water.

⊶ *(Childproof lock)*

Programme cannot be changed by accidental operation.

To activate the childproof lock:
- After the programme starts, press and hold the ⊶ button for 5 seconds;
- Release when the ⊸ symbol lights up.

When the programme ends, the **Start/Pause** ▷ǁ indicator remains on to remind you to deactivate the childproof lock.
*⊸ symbol flashes if the programme has been changed while childproof lock is activated.

To deactivate the childproof lock:
- Touch the ⊶ button until the ⊸ symbol turns off;
- Release the button.

If the childproof lock is deactivated while the programme selector is in a different position from when the childproof lock was activated*, the running programme will be halted.

Additional functions

see also Programme overview ⟶page 7

Pre-wash	For heavily soiled, hard-wearing textiles. Pre-wash at max. 30 °C.
Water plus	High water level to achieve better rinse result.
Easy iron	Special spin sequence with subsequent fluffing. Gentle final spin - residual moisture in the laundry increased slightly.
Intensive	Extends the washing time for a more intensive washing of heavily soiled items.

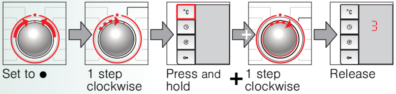
The additional function indicator light is on when the option is selected; if the option is not selectable for the programme, this is indicated by a short flashing of the light and an accoustic signal.

Start/Pause ▷ǁ

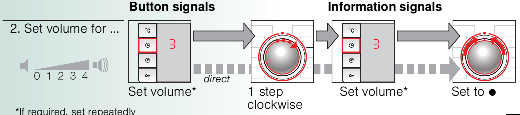
For starting or pausing the programme.

Signals

1. Start signal mode



2. Set volume for ...



*If required, set repeatedly

Programme overview

(see also the information on page 5, 6)

Programmes	*°C*	*max. (kg)* *	*Type of laundry*	*Additional functions; information*
Cottons	❄–90 °C	6,0**	Hard-wearing textiles, heat-resistant textiles made of cotton or linen	**Prewash**, **Water plus**, **Easy iron**, **Intensive**
Cotton Eco	❄–60 °C			
Sensitive	❄–60 °C	5,5**	Hard-wearing textiles made of cotton or linen	**Prewash**, **Water plus**, **Easy iron**, **Intensive** For particularly sensitive skin, longer wash cycle at selected temperature, higher water level, additional rinse cycle.
PowerWash 60'	❄-60 °C	3,0	Hard-wearing textiles made of cotton or blended fabric	Time-controlled programme, 60 minutes. Short prgrameme for normally soiled laundry.
Easy-Care	❄-60 °C	3,5	Easy-Care textiles made of cotton, linen, synthetic fibres or blended fabrics	**Prewash**, **Water plus**, **Easy iron**
Mix	❄–40 °C		Textiles made of cotton and easy-care textiles	**Prewash**, **Water plus**, **Easy iron**, **Intensive** Different types of textiles which can be washed together.
Jeans			Dark-coloured fabrics made of cotton and dark easycare fabrics	**Prewash**, **Water plus**, **Easy iron**, **Intensive**
Shirts/Blouses	❄–60 °C	2,0	Non-iron shirts made of cotton, linen, synthetic fibres or blended fabrics	**Prewash**, **Water plus**, **Easy iron**, **Intensive** Short spin only, drip dry.
Delicates/Silk	❄–40 °C		For delicate, washable texitiles, e.g.made of silk, satin, synthetic fibres or blended fabrics	**Prewash**, **Water plus**, **Easy iron** Short spin only between the rinse cycles.
Wool			Hand- or machine- washable wool or wool-rich textiles.	Particulary gentle wash programme to avoid shrinkage, longer programme breaks (laundry rests in the detergent solution).
Sports, Fitness			Textiles for outdoor wear, made from microfibre	**Prewash**, **Water plus**, **Easy iron**, **Intensive**
Super Quick 15'			Easy-Care textiles made of cotton, linen, synthetic fibres or blended fabrics	Short programme approx. 15 minutes, suitable for lightly soiled laundry.
Additional programmes		6,0	**Rinse**, **Spin**, **Empty**	

i The programmes are time-controlled for lightly soiled textiles. If textiles are heavily soiled, reduce the load and select additional function, e.g. **(Intensive)**. Programmes without prewash - pour detergent into dispenser **II**; programmes with prewash - divide detergent between dispensers **I** and **II.**

* Max. load according to IEC 60456 Ed.4.

** Select the **(Intensive)** additional function if washing max. kg of cottons and coloureds.

For further information and a selection of our products
go to our web site: http://www.bosch-home.com
or contact our customer service centres

Robert Bosch Hausgeräte GmbH
Carl -Wery-Str.34
D-81739 Munich/Germany

WLM20461BY
WLM24441BY

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⚠ Safety instructions

- Read and follow the operating and installation instructions and all other information enclosed with the washing machine.
- Retain documents for subsequent use.

Risk of electric shock	– Never pull out the mains plug by tugging the power cord. – Never insert/pull out the mains plug with damp hands.
Risk of death	For worn-out appliances: – Pull out the mains plug. – Sever the power cord and discard together with the plug. – Destroy the lock on the washing machine door. This will prevent children from locking themselves and risking their lives.
Risk of suffocation	– Keep packaging, plastic film and packaging parts out of the reach of children.
Risk of poisioning	– Keep detergents and care products out of the reach of children.
Risk of explosion	– Items of laundry pretreated with cleaning agents containing solvents, e.g. stain remover/cleaning solvents may lead to an explosion after being loaded into the washing machine. Rinse items of laundry thoroughly by hand beforehand.
Risk of injury	– Washing machine door may become very hot. – Take care when draining hot detergent solution. – Do not climb onto the washing machine. – Do not lean on the open washing machine door. – Do not touch the drum in case it is still spinning. – Be careful when opening the detergent drawer while the machine is in operation.

Consumption values

Programme	Additional function	Load	Electricity consumption***	Water***	Programme duration***
Cottons 30 °C	—	6.0 kg	0.29 kWh	57 l	1:33 h
Cottons 30 °C*	Intensive	6.0 kg	0.31 kWh	57 l	2:03 h
Cottons 40 °C	—	6.0 kg	0.50 kWh	57 l	1:38 h
Cottons 40 °C*	Intensive	6.0 kg	0.52 kWh	57 l	2:03 h
Cottons 60 °C	—	6.0 kg	0.85 kWh	57 l	1:43 h
Cottons 60 °C*	Intensive	6.0 kg	0.89 kWh	57 l	2:03 h
Cottons 90 °C	—	6.0 kg	1.81 kWh	66 l	1:58 h
Easy-Care 40 °C	—	3.5 kg	0.45 kWh	54 l	1:00 h
Easy-Care 40 °C*	Intensive	3.5 kg	0.49 kWh	54 l	1:20 h
Mix 40 °C	—	3.5 kg	0.53 kWh	50 l	1:03 h
Delicate/Silk 30 °C	—	2.0 kg	0.18 kWh	26 l	0:39 h
Wool 30 °C	—	2.0 kg	0.14 kWh	40 l	0:36 h

* Programme setting for testing according to the currently valid version of EN60456.
Note for comparative testing: for testing the test programmes, wash the specified load using the maximum spin speed.

Programme	Additional function	Load	Annual energy consumption	Annual water consumption
Cottons Eco 40/60°C	Intensive**	6/3 kg	196 kWh	8650 l

** Programme setting for testing and energy labelling in accordance with directive 2010/30/EU and cold water (15°C).

*** The values deviate from the indicated values depending on water pressure, hardness, and inlet temperature, ambient temperature, type, amount and soiling of the laundry, detergent used, fluctuations in the power supply and selected additional functions.

⚠ Important information

Preparing/Protecting the laundry and the machine

- Empty pockets.
- Look out for metal items (paperclips, etc.).
- Wash delicates in a net/bag (tights, curtains, underwired bras).
- Fasten zips, do up any buttons.
- Brush sand out of pockets and collars.
- Remove curtain fittings or in a laundry bag.

Before washing for the first time

Do not load any laundry into the machine. Turn on the tap. Add the following to compartment **II**:

- approx. 1 litre water
- detergent (dosage according to the manufacturer's instructions for light soiling and the appropriate degree of water hardness)

Set the programme selector to **Easy-Care** **60 °C** and select **Start**/Pause ▷II. At the end of the programme, turn the programme selector to ● **Off**.

Laundry with different degrees of soiling

	Wash new items separately.
Light	Do not prewash.
	If required, pretreat stains. Select **(Intensive)** additional function.
Heavy	Load less laundry. Prewash. If required, pretreat stains. Select **(Intensive)** additional function.

Soaking

Load laundry of the same colour

Pour soaking agent/detergent into dispenser **II** according to the manufcturer's instructions. Set **Cottons** **30 °C** programme and select **Start**/Pause ▷II. After approx. 10 minutes, select Start/**Pause** ▷II. After the required soaking time, reselect **Start**/Pause ▷II if the programme is to be continued or change the programme.

Starching

Laundry must not be treated with fabric softener

Starching is possible in all washing programmes if liquid starch is used. Add starch to the fabric softener dispenser ❀ in accordance with the manufacturer's instructions.

Dyeing/bleaching

Dye in small quantities only. Salt can corrode stainless steel.
Observe the dye manufacturer's instructions.
Do **not** bleach laundry in the washing machine.

Care

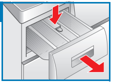
– *Risk of electric shock!*
Pull out the mains plug!
– *Risk of explosion! No solvents!*

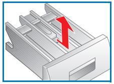
Machine housing, control panel

– Wipe with a soft, damp cloth.
– Do not use any abrasive cloths, scourers or cleaning agents (stainless steel cleaners).
– Immediately remove laundry and cleaning agent residues.
– Do not clean the appliance with a water jet.

Clean the detergent drawer ...

... if it contains detergent or fabric softener residues.





1. Pull out the drawer up to the stop position, press down the latch on the insert and remove the drawer completely .
2. Remove insert: pull insert upwards with finger.
3. Clean the detergent dispenser and the insert with water and a brush.
4. Refit the insert and secure in place (the cylinder should fit over the guide pin).
5. Insert the detergent drawer.
6. Leave the detergent drawer open so that residual water can evaporate.

Drum

Leave the washing machine door open after washing so that the drum can dry.
Rust stains – use chlorine–free cleaning agent, not steel wool.

Descaling *No laundry in the machine!*

This is not necessary if the detergent is dosed correctly. However, if it is necessary, follow the instructions of the descaler manufacturer. Suitable descaling products can be purchased from our website or after-sales service. →*page 13*

Information on the display

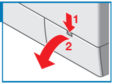
A:01	Please close the door immediately because of rising water level. In pause status A:01 and OPEN are displayed alternately.	
A:02	Door is locked due to safety reasons (water level and/or temperature are too high); in pause status, A:02 and PAUS are displayed alternately. If you need to open the door, wait for the temperature to drop or drain the water (e.g. select **Empty** ⍖ programme).	
A:03	Door cannot be locked/unlocked due to high temperature of the door lock. Wait a moment and try again.	
🚰	**Flashing** (no water supply): Tap turned on? Inlet filter blocked ? Clean filter. →*page 11* Supply hose kinked or blocked ?	**On** (low water pressure): Only information. No influence on the programme process.
E:18	Clean drain pump; →*page 11* outlet pipe/drainage hose blocked.	
other displays	Switch off the appliance, wait 5 seconds and switch it back on. If the display appears again, call the customer service →*page 13*	

Maintenance

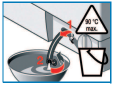
– *Risk of scalding!*
Allow detergent solution to cool down!
– *Turn off the tap!*

Drain pump

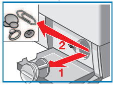
– Set the programme selector to ● **Off**, disconnect the mains plug.



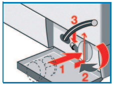
1. Open and remove the service flap.



2. Release the drainage hose from the clip.
Remove the sealing plug from the drainage hose, allow the detergent solution to flow out. Push the sealing cap back in.



3. Remove the pump cap. Remove foreign objects/loose debris/fluff from inside and clean the pump. (impeller in the pump must be able to rotate).
4. Clean any residual lye or fluff from the thread of the pump cap and pump housing.



5. Attach the pump cap and screw it on tight until the stop, handle is upright. Place the drainage hose back in the retainer.
6. Place the service flap back on and close.

To prevent unused detergent from flowing straight into the drain during the next wash cycle: pour 1 litre of water into compartment **II** and start the **Empty** ⍖ programme. Then select and start a new washing programme with detergent as usual.

Filter in the water inlet hose

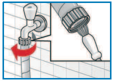
Risk of electric shock
Do not immerse the Aqua-Stop safety device in water (it contains an electric valve).

Reduce the water pressure in the supply hose:

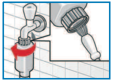
1. Turn off the tap.
2. Select any programme (except **Spin** ⟳/**Empty** ⍖).
3. Touch **Start/Pause** ▷II button and allow the programme to run for approx. 40 seconds.
4. Set the programme selector to ● **Off**. Disconnect the mains plug.

Clean the filter:

Standard



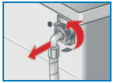
Aqua-Stop
Aqua-Secure

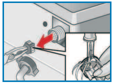


1. Remove the supply hose from the tap.
Clean the filter with a small brush.

or

on standard and Aqua-Secure models:
Remove the hose from the rear, remove the filter using pliers and clean the filter.





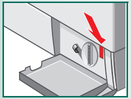
2. Reconnect the supply hose and check if it is tight.

What to do if ...

Water is leaking out.	– Fit/refit drainage hose correctly. – Tighten the screw connection of the supply hose.
No water supply. Detergent not dispensed.	– **Start**/Pause ▷Ⅱ not selected? – Water tap not turned on? – Supply hose filter blocked? Clean the filter. →*page 11* – Supply hose kinked or trapped?
Washing machine door cannot be opened.	– Safety function active. Programme stopped? →*page 4* – ⊔ (Rinse stop = no final spin) selected? →*page 6* – Can be opened by emergency release only. →*page 13*
Programme does not start.	– **Start**/Pause ▷Ⅱ or ◷ **Finish-in time** selected? – Washing machine door closed?
Detergent solution is not drained.	– Clean the drain pump. →*page 11* – Clean waste pipe and/or drainage hose.
Water not visible in the drum.	– Not a fault - water below the visible area.
Spin result not satisfactory.	– Wash small and large items of laundry together. – **Easy iron** selected? →*page 6* – Speed selected too low? →*page 6*
Spin cycle performed several times.	– Not a fault - unbalanced load detection system adjusts the imbalance.
Compartment ❀ not rinsed out completely.	– Remove the insert. Clean detergent drawer and insert. →*page 10*
Odour formation in the washing machine.	– Run the **Cottons** **90 °C** programme without laundry. – Use standard detergent.
Foam escapes from the detergent drawer.	– Too much detergent used? Mix 1 tablespoon of fabric softener with ½ litre of water and pour into compartment II in the detergent drawer. – Reduce detergent dosage for the next wash cycle.
Excessive noise, vibrations and “wandering” during spin cycle.	– Are the appliance feet fixed? Secure the appliance feet. →*Installation instructions, page 5* – Transport bolts removed? Remove transport bolts. *Installation instructions, page 3*
Display panel/indicator lamps do not light up while the appliance is running.	– Power failure/off? Interrupted programme will be resumed when power returns. – Circuit breaker tripped? Reset the circuit breaker/ change the fuse. – If the fault occurs repeatedly, call the customer service.
Programme sequence longer than usual.	– Not a fault - unbalanced load detection system adjusts imbalance by repeatedly distributing the laundry. – Not a fault - foam detection system active - adds an additional rinse cycle.
Detergent residues on the laundry.	– Occasionally, phosphate-free detergents contain water-insoluble residues. – Select **Rinse** or brush the laundry after washing.

If you cannot correct a fault yourself or a repair is required:
- Turn the programme selector to ● **Off** and pull the mains plug out of the socket.
- Turn off the tap and call the customer services. →*page 13*

Emergency release *e.g. in the event of power failure*



Interrupted programme will be resumed when power returns. However, if the laundry has to be removed, the washing machine door can be opened as follows:

⚠ *Risk of scalding.*
The detergent solution and laundry may be hot.
If possible, leave it to cool down.
Do not reach into the drum if it is still rotating.
Do not open the washing machine door if water can be seen through the glass.

- Set the programme selector to ● **Off** and disconnect the mains plug.
- Drain the detergent solution. →*page 11*
- Pull the emergency release with a tool and release. The washing machine door can then be opened.

Customer service

If you cannot rectify the fault yourself →*page 12: What to do if ...*, please contact our after-sales service. We will always find a suitable solution and will avoid a visit from a service technician wherever possible.

The contact details for all countries can be found in the enclosed after-sales service directory.

Please give the customer service the product number (E-Nr.) and the production number (FD) of the appliance.

E-Nr.______________ **FD**_____
Product number Production number

You will find the identification plate containing this information on the frame of the open door , and of the rating plate on the back of the appliance.

Rely on the professionalism of the manufacturer. Please contact us.
This will ensure that the repair is carried out by trained service technicians who arrive equipped with genuine spare parts for your appliance.

Washing machine WLM20461BY
WLM24441BY

BOSCH

en Instruction manual